## AMENDMENTS TO THE SPECIFICATION:

*Please replace the paragraph on page 4, lines 1-9 with the following amended paragraph:*

The data aligner 15 provides the digital video data input from the sub-field mapping unit 14 to the data driving circuit of a plasma display panel (hereinafter referred to as a "PDP") 18. The data driving circuit is connected to data electrodes in the PDP 18, latches the digital video data provided from the data aligner 15 by every one horizontal line, and then ~~provide~~ provides the latched data by one horizontal period unit to the data electrodes in the PDP 18.

*Please replace the paragraph on page 11, lines 5-15 with the following amended paragraph:*

The APL calculator 6 calculates a first APL for the data R, a second ~~an~~ APL for the data G and a third APL for the data B, and adds the first, the second, the third APLs for the data R, G and B to produce the summation of the APLs for the data R, G and B. Moreover, in the APL calculator 6, the summation of the APLs is divided by three in order to calculate ~~an~~ a mean value ~~therefor~~ thereof. The mean value is used as an optimal APL for the asymmetric cell configuration. Moreover, the APL calculator 6 outputs information on the number of sustain pulses (NSUS) in accordance with the optimal APL.